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## (54) AUTOMATIC SETTING METHOD FOR INTER-NET PROTOCOL ADDRESS

## (57) Abstract:

PURPOSE: To reduce the number of times of the transmission of a packet attached with a multiple address when automatically setting of the inter-net protocol address (hereafter abbreviated to IP address) of plural terminals located in a LAN system.

CONSTITUTION: This system is constituted of the terminals 1 to N and a host 10, and when the host 10 transmits an ARP request packet 30 attached with the multiple address once, each of the terminals 1 to N having received this ARP request packet 30 transmits an ARP answer packet to the host 10. The host 10 having received the ARP answer packet from the terminals 1 to N determines the IP addresses of the terminals 1 to N on the basis of the contents of these ARP answer packets,

TCP/:P/Lts: LAN模板 湖东 10.0.0.12 08007000000 :30 10 Õ Ď 12 10:0:0:10 0830700000000 1000:30:0080 明末 IC 0.0 12 05007000000 10.0.0.12 080370000000

and informs each terminal 1 to N of the IP address determined separately.

## **LEGAL STATUS**

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